

Name: _____

Make a path by adding up the numbers. Do not visit a circle more than once. The first one is done.

START 5	2	1	5
3	5	8	4
7	3	9	4
6	8	2	FINISH SUM: 28

5 + 2 + 5 + 8 + 4 + 4 = 28

START 4	1	6	16
8	11	3	6
15	15	7	FINISH SUM: 25

4 + 1 + 6 + 11 + 7 = 25

START 8	6	9	7
6	8	7	7
9	9	8	9
7	9	6	FINISH SUM: 46

Did you find a path? Write the equation.

START 1	8	2	1
3	9	8	1
6	4	5	8
4	2	7	FINISH SUM: 23

1 + 8 + 2 + 9 + 3 + 4 = 23

Name: _____

Use any of these digits. Cross off a digit after you use it. You do not need to use all of the numbers.

3

5

9

4

Make an addition equation. The sum of your equation should be 7.

$$\underline{\quad} + \underline{\quad} = 7$$

Emily lives in San Salvador where it is currently Sat. at 11:15 a.m. She made a phone call to Anne who lives in Nassau. It is 12:15 p.m. and Sat. in Nassau. What is the difference in time?

I am a whole number. When rounded to the nearest thousand, the answer is 1000. The sum of my digits is 3. If you add 1500 to this number and then round the new number to the nearest thousand, the answer becomes 2000. What number am I?

Name: _____

Mary used 1.8 tubes of toothpaste each month. How many tubes will she use in a year? Write your answer as a mixed number.

The library purchased 76 new books at a total cost of \$1,425.18. They had \$8,126 in their budget to buy books. How much money is left to buy more books?

Jessica likes to run. She started using a running app on her phone in April. During the month, she ran an average of 1.2 miles per day. How many miles did she run for the entire month?

What is the missing fraction?

$$\frac{3}{5} + ? = 1\frac{2}{5}$$

Name: _____

The radius of a circle is 384 cm. What is the diameter of this circle?

96 divided by 12 equals

How much time is it from 6:00 a.m. to 11:15 a.m.?

1, 0, 0, 1, 0, 0,
_____, 0, 0, 1, 0, 0

D, F, H, J, _____, N, P,
R, T, V, X, Z

z, z, N, N, O, z, z, N,
N, O, z, _____, N, N,
O

$$6 \times 7 + 8 + 3$$

$$6 \frac{2}{4} + 4 \frac{1}{4}$$

It was 83 degrees outside. What would the temperature be if it got 11 degrees colder?

It's 8:00 a.m. and Emma is getting ready for soccer practice. If practice starts at 3:25 p.m., then how much longer until soccer starts?

5, _____, 14, 7, 23, 10,
32, 13, 41, 16, 50, 19, 59

Draw a number line with 0, $\frac{1}{2}$, and 1. Show where $\frac{3}{11}$ would go. Is $\frac{3}{11}$ closer to 0, $\frac{1}{2}$, or 1?

Name: _____

<p>Hannah is quietly counting the money from her pocket. She has 4 quarters and 3 nickels. Holly has the same amount of money in dimes and nickels. She has 15 coins. How many dimes and nickels does Holly have?</p>	<p>Mary started checking the batteries in the smoke alarms at 3:41 p.m. She finished checking them 26 minutes later. At what time did she finish checking the batteries?</p>	<p>Adam bought pearl earrings for his bride. The earrings cost \$176.62. Adam had saved \$250 for his bride's gift. How much did he have left after he paid for the earrings?</p>
---	--	---

<p>Can 828 be evenly divided by 9? Circle: 828 is evenly divisible by 9 828 is NOT evenly divisible by 9</p>	$\begin{array}{r} 23 \\ + 49 \\ \hline \end{array}$	$\begin{array}{r} 67 \\ - 30 \\ \hline \end{array}$

<p>Wendy is getting messy. She has made a 2' x 3' x 1' cube made out of clay blocks. She wants her art project to have at least a surface area of 28 square feet. Does she need to add more clay?</p>	<p>Which is the smallest?</p> <p>73.8 ÷ 2.6 73.8 ÷ 2.7 73.8 ÷ 2.5</p>
---	---

Name: _____

<p>1 cm = 10 mm</p> <p>24 cm = _____ mm</p>	<p>108 ÷ 9 = _____</p>	<p>Circle the digit in the tenths place.</p> <p>3,491.65</p>
<p>5 4 2 - 4 0 1 _____</p>	<p>The principal of your school wants to buy forty-four books. Each book costs \$3.05. She wants to estimate how much it will cost. Show her how you would estimate the cost:</p>	<p>3 3 8 + 2 1 3 _____</p>
<p>Can 715 be evenly divided by 7? Circle: 715 is evenly divisible by 7 715 is NOT evenly divisible by 7</p>	<p>Connor invented a robotic bug. The bug can crawl four centimeters in twenty-one seconds. How long would it take the bug to crawl twenty-four centimeters?</p>	
<p>How many pounds are in 128 ounces?</p> <p>_____ pounds</p>	<p>(4 + 5) + 3 = _____</p>	
<p>List four of the smallest whole numbers that are greater than 16, are multiples of 2, and are not multiples of 7.</p>	<p>In the number 813,850,624, the digit 2 is in what place?</p> <p>_____</p>	
	<p>24 kg = _____ g</p>	

Name: _____

What Words? Your Words!

Fill in the boxes with letters to make words. Each box is worth points. Earn points by filling in as many boxes as you can. Sum up the points you earn for each word.

Make a Word

Sum

1	2	4	6	10	16
G	A	L	E	S	

13

1	2	4	6	10	14
A	I				

--

1	2	4	6	8	12	16
	A					

--

Make a Word

Sum

1	2	4
P	O	

--

1	2	4	6	12	18
S	O				

--

1	2	4	8	14	20
A	L				

--

Amanda will win if a random number pulled out of a box is an odd number. 22 pieces of paper, numbered 1 to 22, are put inside a box. What is the chance that Amanda will win?

What time is 16 hours after 5:00 p.m.?

$$40 \div 5 =$$

Anne has two favorite numbers. If you add her favorite numbers, you get 19. If you multiply her favorite numbers, you get 88. What are her mystery numbers?

Which has the largest answer?

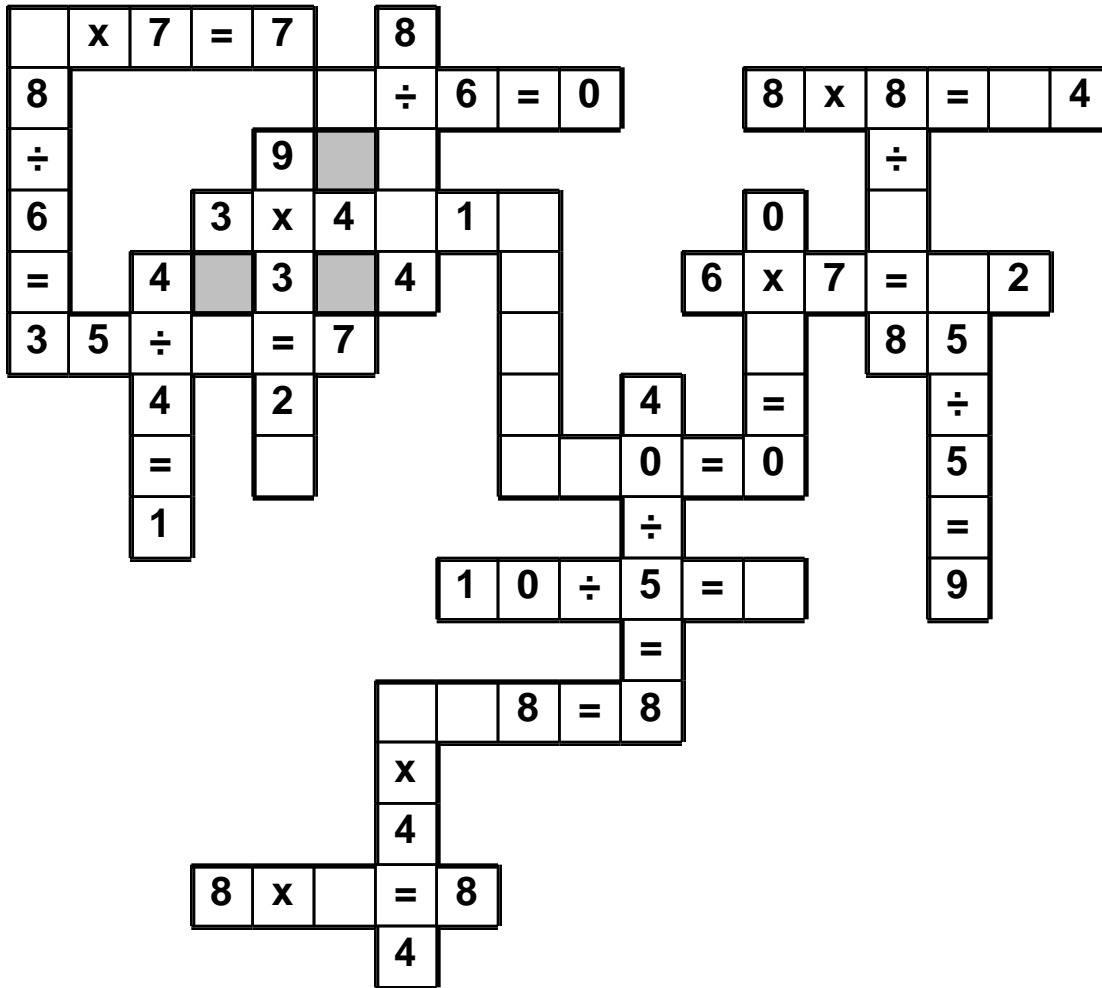
$$316 \div 27 \quad 327 \div 27 \quad 329 \div 27$$

There are 7,843 eggs to be packed into cartons. What number is in the hundreds place?

Name: _____

1 • 0 • 6 • 2 • = • 2 • 1 • x • 4 • 5 • 3 • 3 • = • 7 • 6 • x
2 • 1 • x • 1

Use the pieces above to help you fill in the runaway math puzzle.



3 x 5 =

Cross out the word that is **not** a relative adverb.
why, how, when, and

Write a letter that has a line of symmetry.

word root **ous** can mean **having the quality of** **carnivorous, herbivorous, luminous**

Name: _____

Hunter, Timothy, and Destiny are competing in the Olympics. They are each from a different country (Ireland, Canada, and Chile), and they are also each competing in a different event (ski jumping, bobsled, and biathlon).

Figure out the country each person is from and the event he or she is competing in. (Assume that each hint refers to one of the three people. For example, if Hunter has lunch with someone he met from another country, then assume that this person is among one of the three people).

1. Though Destiny has never been to Ireland, she would like to visit.
2. The person competing in the bobsled event is from Europe. This is his second time to represent his country at the games.
3. Hunter had lunch with someone he met. The person he met is competing in the bobsled event.
4. The person competing in the ski jumping event is from South America. This is his first time to represent his country at the games.
5. The person from Canada and her friend invited the person from Ireland to dinner. The person from Ireland thought it was a great idea, and he gladly accepted.

Circle the greatest number:

809,376 951,238,470
6,861,452 53,497,201

Write this as a number in standard form.
Use a comma in your number.

nine hundred seventy-seven thousand,
three hundred ninety-five

Choose the word that best completes
the sentence.

(They're/There) will be three new
students in our math class today.

Circle the addition property
for $30 + 15 = 15 + 30$.

associative property
commutative property

Name: _____

$$12 + \frac{1}{2} - \frac{1}{2} =$$

$$93 - \frac{7}{9} =$$

Reduce $\frac{10}{32}$ to its lowest terms.

Reduce $\frac{18}{30}$ to its lowest terms.

$$17 + \frac{3}{4} + \frac{1}{7} =$$

$$9 - \frac{1}{5} + \frac{7}{8} =$$

Find the least common denominator.

$$\frac{12}{24}, \frac{10}{48} \text{ and } \frac{4}{96}$$

$$\begin{array}{r} 14 \frac{11}{14} \\ - 4 \\ \hline \end{array}$$

Find the least common denominator.

$$\frac{4}{6} \text{ and } \frac{21}{42}$$

Write the reciprocal.

$$\frac{13}{24}$$

Write the reciprocal.

$$16$$

Write the reciprocal.

$$\frac{12}{8}$$

Name: _____

Make a path by adding up the numbers. Do not visit a circle more than once. The first one is done.

START 1	3	4	9
2	8	7	9
8	4	3	8
6	8	9	FINISH SUM: 53

1 + 3 + 4 + 7 + 3 + 4 +
8 + 6 + 8 + 9 = 53

START 4	7	3	4
10	3	6	11
16	13	1	FINISH SUM: 28

Did you find a path? Write the equation.

START 8	7	7	7
6	8	6	9
9	8	8	9
7	6	9	FINISH SUM: 77

Did you find a path? Write the equation.

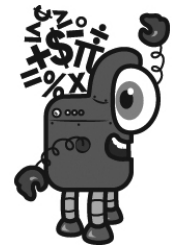
START 6	2	9	2
8	8	1	9
3	6	7	9
4	9	5	FINISH SUM: 35

6 + ____ + ____ + ____ + ____ + ____ =
35

Name: _____

Mental Math

— #1 —



▶ Start with the product of 5 and 2.

10

▶ Multiply the tens digit by the ones digit. The product is your new number.

2 6 4 6 8 9 6 1 0 2 (Circle your answer to double check you are correct.)

▶ Multiply by 2.

9 8 1 0 7 1 3 6 6 2

▶ Add one-third of a dozen.

4 5 4 6 3 6 9 0 6 9

▶ Multiply by 10.

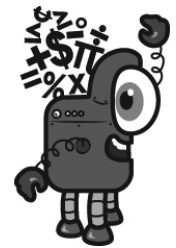
3 8 5 4 2 0 4 0 6 6

▶ Add the digits in your number. The sum of that is your new number.

7 3 3 0 9 1 1 4 4 6

Mental Math

— #2 —



■ Start with the area of a square that has a length of 1.

9 9 6 9 1 2 3 7 8 8 (Circle your answer to double check you are correct.)

■ Multiply by 10.

8 1 0 4 5 4 6 3 2 9

■ Increase that number by 40.

5 3 9 5 2 5 0 7 8 5

■ Divide that number in half.

4 7 7 8 3 3 6 2 5 9

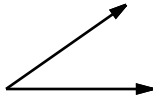
■ Round to the nearest ten.

4 3 0 8 1 6 7 1 2 6

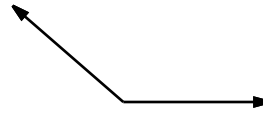
■ Divide by 3.

1 1 2 2 7 9 1 0 8 8

Name: _____



What kind of angle is this?



What kind of angle is this?

Sketch 2 lines \overleftrightarrow{KL} and \overleftrightarrow{UV} that are perpendicular.

Sketch 2 lines \overleftrightarrow{LM} and \overleftrightarrow{ST} that are parallel.

An angle measures 106° .
What would you call this angle?

What kind of angle has
a measure of 180° ?

Sketch an acute angle
named $\angle ABC$.

What kind of angle has
a measure of 180° ?

An angle measures 59° .
What would you call this angle?

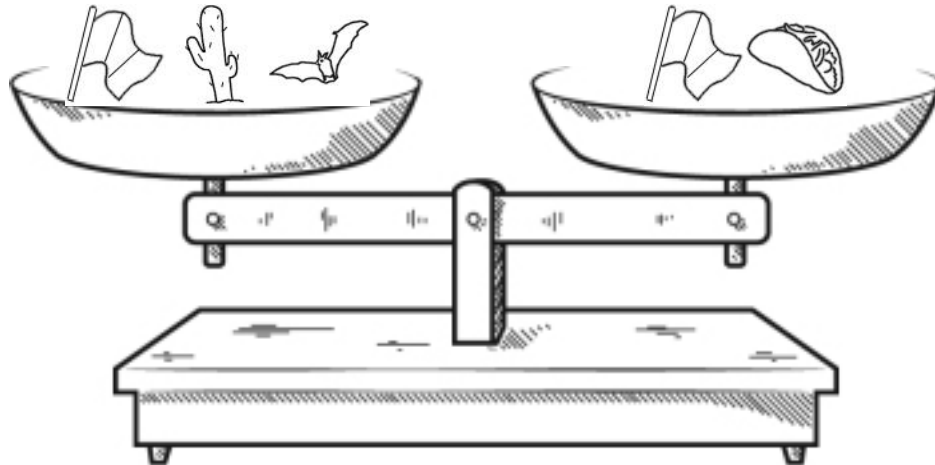
Sketch an acute angle
named $\angle CDE$.




Write the angle that is
the supplement of 128° .

Use a protractor to
draw an 80° angle.





Use a protractor to
draw a 170° angle.

Name: _____









 =
 










☐ True
 ☐ False


 <
 










☐ True
 ☐ False


 =
 










☐ True
 ☐ False




 =
 






☐ True
 ☐ False





 =
 



☐ True
 ☐ False




 <
 




☐ True
 ☐ False

Did you find that three are true? If not, look again!

Hint: If you see the same pieces on both sides, you might need to remove both pieces.
You should only mark TRUE if you are absolutely sure it is correct!

Name: _____

Anna collects squishies. Before she started getting serious about collecting, she only had 8 of them. But now she has 40 squishies. She ordered 9 really big squishies online. They should be delivered next week on her birthday. And guess what? Next week on her birthday, she invited 4 friends over for a slumber party. In the invitation she said, "No gifts. Just give me 3 squishies."

On the day after her birthday, how many squishies will Anna have?

David is bored, so he decides to start coloring the outside sidewalk. Would you believe every 15 minutes he goes through 10 pieces of chalk. That's a lot of chalk! After 2 hours his arms are so tired he quits. How much chalk did David use?

The denominator of a fraction is six. The numerator of a fraction is two. Write the fraction. Draw a pizza pie showing this fraction.

Name: _____

Hunter is making his favorite ultimate chocolate chip cookies for a huge party at school. He just finished dropping rounded tablespoons of dough on his cookie sheet and was able to fit 18, which will make 18 cookies. The problem is that he needs to make 111 cookies for his party, and his oven can only fit one cookie sheet at a time. How many times will he have to put a cookie sheet into the oven to make enough cookies?

Pam has a messy desk. She has a total of 61 markers, pens, and pencils.

She has 4 times as many markers as pens.

She also has 7 more pencils than pens.

How many pencils does she have?

Which digit is in the ten millions place in the number 824,961,735?

Write the number that this digit represents.



Name: _____

Can you guess the word?

No duplicate letters can be used.

C **R** **E** **A** **M**

The letter C is in the word
and is in the correct spot.

C **R** **U** **E** **L**

The letter R is in the word,
but R is not in that spot.

A B C D E F G H I J K L

A list of letters will be given that
have not been used. Good luck!

Hint: There are no duplicate letters in the answer.

S **M** **A** **R** **T**
A **R** **G** **U** **E**

B C D F H I J K L N O P Q V W X
Y Z

Let's check if you guessed correctly. Look across or
down to find the correct answer.

U G N O C G O E R J E Q A E U Y E I R
U R E Q K A R R W A G E R S R R E U L
R T A E E G T R R Y G R V A G N G M S
G B R R R Z N A E A C X R K T A O U M
A E G E A G T E R A R E V E A O N R A
E N U N E E T E E A N G E R G E R G R
A C E T G G R B R R R A D B R A G Z T
G U T A C A Z R H R G P A R E E G K E

Hint: There are no duplicate letters in the answer.

M **O** **U** **T** **H**
H **U** **M** **I** **D**

A B C E F G J K L N P Q R S V W
X Y Z

Let's check if you guessed correctly. Look diagonally
to find the correct answer. (DIAGONAL!)

W O T O U F G M P V V U A G H
K T H M S H M H H Z D O H H U
H I N T U I H X U U U H U O T
H M M S N N N H U M M H T M H
H U O H U A U U H U I M H Q W
O A M U M V H A U T M D N O H
N I U A T F M U O F O O M H H
O N U M N H R D L T R Z X X F

Hint: There are no duplicate letters in the answer.

W **R** **O** **T** **E**
T **H** **A** **N** **K**

B **L** **A** **S** **T**

C D F G I J M P Q U V X Y Z

Let's check if you guessed correctly. Look diagonally
to find the correct answer. (DIAGONAL!)

P N T I H M M R A K M S H O A A Q V P
A W U H S E E B X S M W S O T M M H P
W Q D M A T Z S M P T O R P T E T P E
E Y T H C N A N E W N H A O K N N H W
M I S H P O K M A K L P S M T A V H W
A N T M S A Q N P T P S X E T E M T E

Name: _____

Pay the bill!

Emma needs money. She wants to get \$100 in cash, so she writes a check payable to cash in this amount. Write this check.

EMMA

1722

DATE _____

PAY TO THE
ORDER OF

\$

DOLLARS

MEMO _____

⑆992893310⑆

⑈47610⑈

1722

Pay the bill!

Emma received a bill for her cellphone from Mobile Unlimited for \$42.18. Write the check as Emma would write it.

EMMA

1723

DATE _____

PAY TO THE
ORDER OF

\$

DOLLARS

MEMO _____

⑆992893310⑆

⑈47610⑈

1723

$3 \div 3 - 1$

13, 15, 17, 19, _____, 23,
25, 27, 29, 31

What 6 coins add up to 42 cents?

Round 6,305 to the nearest thousand.

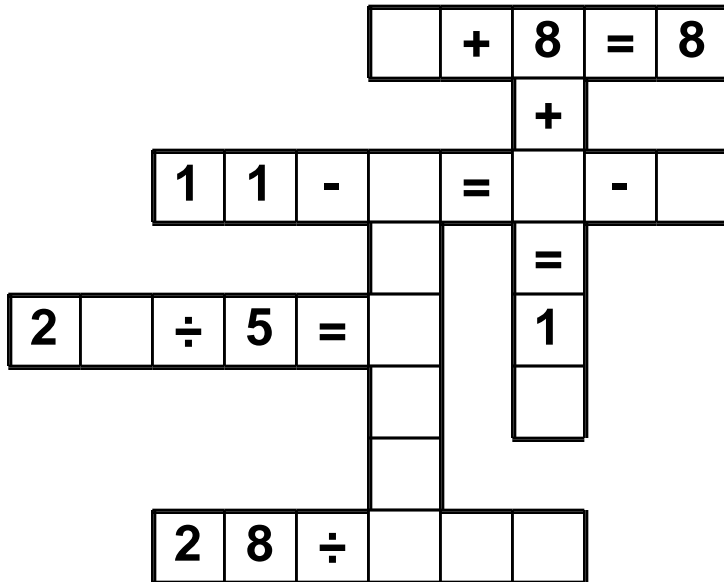
Yummy Donuts gave three dozen chocolate donuts and six dozen jelly donuts to the school. How many donuts did they give?

It was 9 degrees below zero in the morning. By afternoon the temperature rose 21 degrees. How warm was it?

Name: _____

0 • 6 • 5 • 0 • x • 0 • 4 • = • 3 • 2 • 4 • = • 7

Use the pieces above to help you fill in the runaway math puzzle.



$$\frac{N}{3} = 4$$

$$\frac{N}{2} = 2$$

$$7m = 28$$

$$7\frac{1}{3} + 4\frac{2}{3}$$

$$8 \div \frac{1}{9}$$

$$(2 + 6) + 12$$



Name: _____

Hint: There are no duplicate letters in the answer.

C	O	U	R	T
I	N	F	E	R
G	R	A	N	D

B H J K L M P Q S V W X Y Z

--	--	--	--	--

Let's check if you guessed correctly. Look across or down to find the correct answer.

E O D J T N I N F E R N I V T
U A F V Y T A T N N N G K T S
P T D R P C O U R T N R A F K
D F X A N K K H U C F K U R H
K N W D R A N K Z S R I R I K
A L F T A N Z O N N Y T A D C

Hint: There are no duplicate letters in the answer.

A	V	O	I	D
S	H	O	C	K

B E F G J L M N P Q R T U W X Y Z

--	--	--	--	--

Let's check if you guessed correctly. Look across or down to find the correct answer.

D X S H O C K K K K H O H O A I E K D
E O I E X K P O G O M X A O I V S C H
H O C K K D I K E O V E D N O C C E Y
B I O K K O K E H S K B O A H A H H I
A K C I V O O W E P K C H O K E O C O
Y K I I H V O O K S A V O I D O K C H
J H O D K Z H K I E S O L P D O B E E
O H A K A D O K C C M K F E K E V H K

Hint: There are no duplicate letters in the answer.

N	O	V	E	L
A	W	F	U	L

B C D G H I J K M P Q R S T X Y Z

--	--	--	--	--

Let's check if you guessed correctly. Look diagonally to find the correct answer. (DIAGONAL!)

L P O B A E O H O V L A A F F
L V W U C W O U W O U W W X W
A C C Z E R F W B A L R W R L
N W R A N L A U N A L M L N V
A H E C L O N W L O W D F P L
N W A C L L V N L W R L L M M
W O W N O W I E U L R W O A C
A M U V V D A V L O V V L C A

Hint: There are no duplicate letters in the answer.

L	A	R	G	E
T	O	W	E	L
B	E	L	O	W

C D F H I J K M N P Q S U V X Y Z

--	--	--	--	--

Let's check if you guessed correctly. Look diagonally to find the correct answer. (DIAGONAL!)

T Q S V A L P J E P G M Y K G E L S L
J W G G B E Q L Y A E O B T E G L E W
A P W L E T W T A E G L O R O H S L E
O J L L G O W A L R L L B B L W H A L
G B S X T W G L E R G B A O N T E T O
E B E E A E W B L H A E F A W L T L W

Name: _____

Sudoku Sums of 17

Each row, column, and box must have the numbers 1 through 9.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 17.

Here is an example of a sudoku sum of 17:

1	16
---	----

		3						
5	9	2				8		
		4			2		3	5
1			7		4			8
7		9						3
			8	9	3			1
			3	6	5			
			2			6		9
				1	9	3	5	

How much money is 1 quarter, 1 dime, 1 nickel, and 4 pennies?

A toy car can go 5 mph. How long would it take to go 12 miles?

Know how many inches in a foot? Okay, smarty pants, how many inches in 6 feet?

Name: _____

Each row, column, and box must have the numbers 1 through 9.

8	2	7			4	6		
3	6			2	8			1
4						2		
		4						
6		2				1		
5		8	3	1			7	6
		5	4		7			3
			2	5				
	7			8			1	4

Change to a fraction.
5%

Change to a fraction.
97%

3 is what % of 12?

In each pair, circle the word that is spelled correctly.

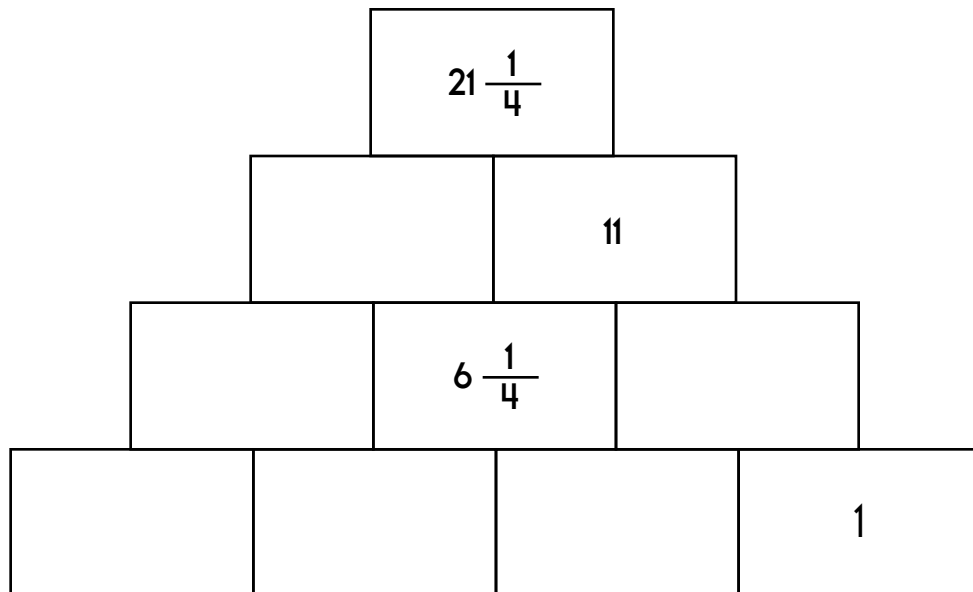
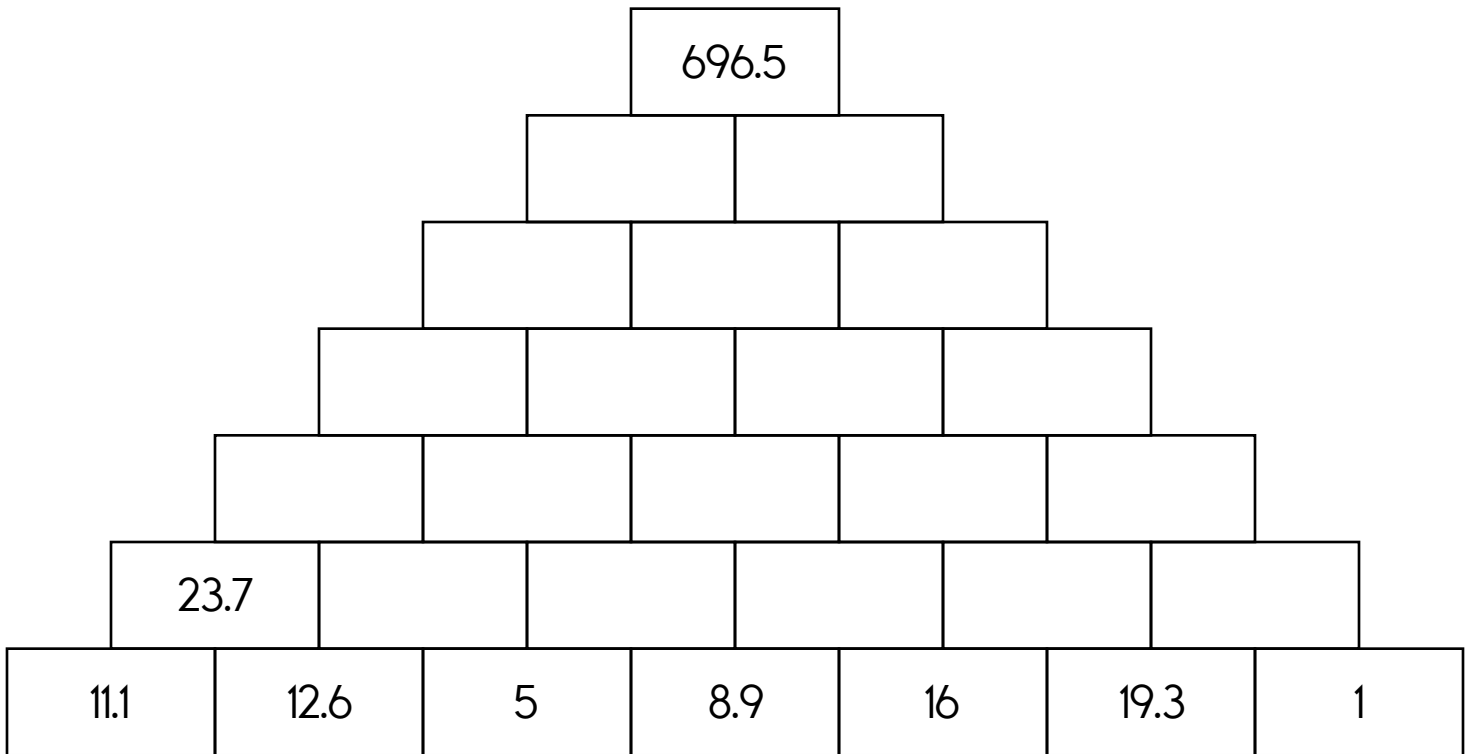
cusin, cousin
growve, grove
groul, growl

Insert a comma in the correct place in this sentence.

No I have never been outside the state of Utah.

Name: _____

The block above is the sum of the two blocks below. Fill in the missing blocks.



70 ÷ 10 =



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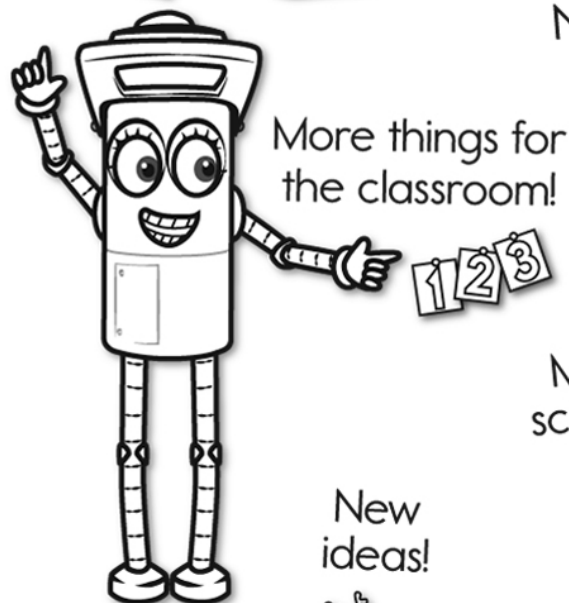
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